

Abstract of the Invention

Mutant DNA Polymerases and the Use Thereof

The present invention relates to mutant DNA polymerases which incorporate dideoxynucleotides with about the same efficiency as deoxynucleotides. The present invention also relates to mutant DNA polymerases which also have substantially reduced 5'-to-3' exonuclease activity or 3'-to-5' exonuclease activity. The invention also relates to DNA molecules coding for the mutant DNA polymerases, and hosts containing the DNA molecules.

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